

The article argues that the best government policy is to...

1. Do nothing
2. Put a price on carbon
3. Pick winners, like solar power in Germany

Policy	Percentage
Do nothing	0%
Put a price on carbon	100%
Pick winners, like solar...	0%

The article says that hydrogen fuel cells are...

1. Not a very promising option
2. One of many very promising options
3. The most promising option

Option	Percentage
Not a very promising...	26%
One of many very pr...	65%
The most promising...	9%

The article points out that some "greens" now favor...

1. GMOs
2. Nuclear power
3. Seeding the oceans

Category	Percentage
GMOs	17%
Nuclear power	75%
Seeding the oceans	8%

The google.org folks are pushing...

1. $P < MC$
2. $P = MC$
3. $RE < C$
4. $RE = C$
5. $E = MC^2$

Option	Percentage
$P = MC$	0%
$P = MC$	0%
$RE < C$	91%
$RE = C$	4%
$E = MC^2$	4%

$RE < C$

- Cost of Renewable Energy < Cost of Coal
- Coal: 5¢/kwh (kilo-watt-hour)
- Nuclear: 6.5¢/kwh
- Wind: 8¢/kwh

- Close but no cigar!!! As a result...
- Will we get there?

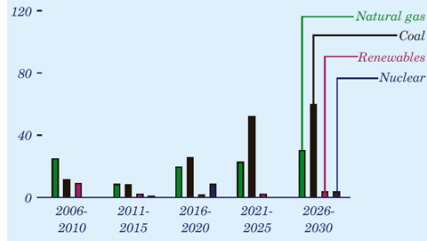
EIA, Annual Energy Outlook 2007

Figure 62. Levelized and avoided costs for new renewable plants in the Northwest, 2030 (2005 mills per kilowatthour)

Category	Energy Source	Levelized Cost (mills/kWh)	Avoided Cost (mills/kWh)
Reference	Geothermal	~100	~100
	Solar thermal	~100	~100
	Biomass	~100	~100
	Wind	~100	~100
	Wind	~100	~100
High renewables	Geothermal	~100	~100
	Solar thermal	~100	~100
	Biomass	~100	~100
	Wind	~100	~100
	Wind	~100	~100
Low renewables	Geothermal	~100	~100
	Solar thermal	~100	~100
	Biomass	~100	~100
	Wind	~100	~100
	Wind	~100	~100

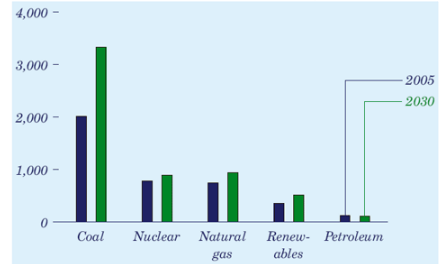
EIA estimates for U.S. (AEO 2007)

Figure 55. Electricity generation capacity additions by fuel type, including combined heat and power, 2006-2030 (gigawatts)



EIA estimates for U.S. (AEO 2007)

Figure 54. Electricity generation by fuel, 2005 and 2030 (billion kilowatthours)



EIA estimates for U.S. (AEO 2007)

Figure 60. Nonhydroelectric renewable electricity generation by energy source, 2005-2030 (billion kilowatthours)

